

View Online at <https://aerobasegroup.com/nsn/5305-00-558-3490>

**Thread Class:**

3a

**Thread Direction:**

Right-hand

**Thread Length:**

Between 0.755 inches and 0.822 inches

**Fastener Length:**

Between 2.953 inches and 3.000 inches

**Head Style:**

Flat countersunk

**Head Diameter:**

Between 1.007 inches and 1.017 inches

**Grip Diameter:**

Between 0.4982 inches and 0.4991 inches

**Shank Unthreaded Hole Diameter:**

0.106 inches first hole

**Internal Drive Style:**

Cross recess type 1

**Thread Diameter:**

0.500 inches

**Grip Length:**

Between 2.178 inches and 2.198 inches

**Thread Qty Per Inch (tpi):**

20

**Min. Tensile Strength (psi):**

160000 pounds per square inch

**Hardness Rating:**

36.0 rockwell c and 40.0 rockwell c

**Countersink Angle:**

Between 99.0 degrees and 101.0 degrees

**Distance From Head Largest Bearing Surface To Shank Hole Center:**

2.787 inches first hole and 2.807 inches first hole

**Surface Finish:**

32.0 microinches grip

**Material:**

Steel comp e4340 or steel comp 4140 or steel comp 8740 or steel comp 8735 or steel comp 6150

**Surface Treatment:**

Cadmium and chromate

**Surface Treatment Specification:**

Qq-p-416, type 2, cl 3 federal specification single treatment response

**Thread Series Designator:**

Unf

**Specification Data:**

80205-nas338 professional/industrial association standard

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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